

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Sakuma et al.
SERIAL NO: Unknown
FILED: February 1, 2001
INVENTION: "Optical Switch"

DOCKET NO.: 0113197-002
GROUP ART UNIT: Unknown
EXAMINER: Unknown

#3/IOS
6/13/01
C. N. K. H. W. Y.

JS929 U.S. PTO

09/775841



INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231
S I R:

Submitted herewith is an Information Disclosure Statement for consideration in the above-identified application. This Information Disclosure Statement is submitted:

- ☒ Within three months (1) of filing date of a national application; (2) of date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first Office Action on the merits, whichever occurs last. (No fee is required.)
- ☐ After the mailing date of a first Office Action but before (1) mailing of a final action under 37 C.F.R. §1.113; or (2) mailing of a notice of allowance under §1.311, whichever occurs first.
- ☐ Payment of the fee set forth in 37 C.F.R. §1.17(p) accompanies this submission; or
- ☐ The certification specified in 37 C.F.R. §1.97(e) is made below. (No fee is required.)
- ☐ After the mailing of (1) a final action under 37 C.F.R. §1.113; or (2) notice of allowance under 37 C.F.R. §1.311 whichever occurs first, but before payment of the issue fee. The statement specified in 37 C.F.R. §1.97(e) is made below. The Commissioner hereby is petitioned to consider the Information Disclosure Statement accompanying this submission. Payment for the Petition fee set forth in 37 C.F.R. §1.17(i)(1) accompanies this submission.
- ☐ The undersigned counsel for applicant(s) hereby states each item of information identified in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ The undersigned counsel for applicant(s) hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the statement.
- ☐ A check in the amount of \$_____ to cover any required fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 08-2290. *A duplicate copy of this sheet is enclosed for this purpose.*

Very respectfully,

BELL, BOYD & LLOYD LLC


(Reg. No. 37,557)

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When phoning re this application,
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I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Express Mail No. EL387674103US in an express mail envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 February 1, 2001.



Michael S. Leonard

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT

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EXAMINER: Unknown



Assistant Commissioner for Patents
Washington, D.C. 20231

#2/Perioity
6/13/01
E. mckinney

S I R:

In accordance with the provisions of 37 C.F.R. 1.56, Applicants request that citation and consideration of the references identified on the attached PTO-1449 form, copies of which are enclosed herewith in accordance with 37 C.F.R. 1.98, be made during the course of examination of the above-mentioned application for United States Patent.

FOREIGN PATENT DOCUMENTS

| <u>Patent Number</u> | <u>Country</u> | <u>Publication Date</u> |
|----------------------|----------------|-------------------------|
| 9-21920 | Japan | 01-21-97 |

OTHER REFERENCES

J. Kobayashi et al., "Fluorinated Polyimide Waveguides with Low Polarization-Dependent Loss and Their Applications to Thermo-optic Switches," J. Lightwave Technol., Vol. 16, No. 6, pp.1024-1029 (June 1998)

T. Ido et al., "A 1x8 digital-optical switch using fluorinated-polyimide waveguides," in OFC '98 Technical Digest, San Jose, 1998, WH6, pp. 148-149

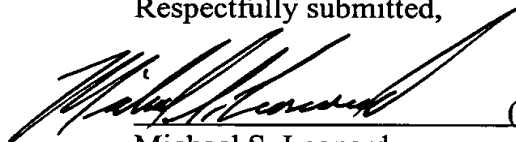
L. Eldada et al., "Thermo-optically active polymeric photonic components," in OFC 2000 Technical Digest, Baltimore, 2000, WH1, pp. 124-126

N. Ooba et al., "Low crosstalk and low loss 1x8 digital optical switch using silicone resin waveguides," Electronics Letters, vol. 35, No. 16, pp. 1364-1365 (5th Aug. 1999)

W. Horsthuis et al., "Packaged polymeric 1x8 digital optical switches," in Proc. 21st Eur.Conf.on Opt.Comm. (ECOC '95), Brussels, 1995, Th.L.3.4, pp. 1059-1062

Also, a English Abstract of Japan 9-021920 is enclosed. Applicants look forward to early and favorable consideration of this matter.

Respectfully submitted,



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CERTIFICATE OF EXPRESS MAIL

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